



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/813,660	03/21/2001	James D. Causey III	PD-0448 CON	3658
23608	7590	09/28/2005	EXAMINER	
MEDTRONIC MINIMED INC. 18000 DEVONSHIRE STREET NORTHRIDGE, CA 91325-1219			AHMED, AAMER S	
			ART UNIT	PAPER NUMBER
			3763	

DATE MAILED: 09/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/813,660

Applicant(s)

CAUSEY ET AL.

Examiner

Aamer S. Ahmed

Art Unit

3763

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-6 and 9-41 is/are pending in the application.
- 4a) Of the above claim(s) 17-31 and 41 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-6, 9-16 and 32-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 2-6, 9-16 and 32-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Claude (CH 665955) or Samiotes (EP 0494041) or Lindsey (PCT 9407186) in view of Das et al 6,423,035. Claude (CH 665955) or Samiotes (EP 0494041) or Lindsey (PCT 9407186) teach an external infusion device for infusing fluid comprising a housing, a reservoir in the housing, a drive system, at least one power supply one or more electrical elements coupled to the power supply that regulate the rate of the drive system, and a tab that mates with the housing

containing at least one electrical element. They teach the tab as being replaceable and may be changed with different tabs. In each case the tab is clearly connected to the housing and is disposable if one so chooses. It is conceivable that a user may take the tab portion of the construction and utilize it with other models that have been produced therefore being interchangeable between several “different” infusion devices. (Claim 13) Consequently, the fact that these device are only usable together means they can only be used in a predetermined number of external infusion devices. (Claim 14) The tab may affect whether or not a fluid path is opened since the fluid distribution is programmably controlled by the tab. Neither Claude (CH 665955) or Samiotes (EP 0494041) or Lindsey (PCT 9407186) explicitly disclose that the tab includes a seal to improve resistance to water or contaminants entering the housing, or a tab containing a power supply.

Das et al (‘035) discloses a similar device in which the housing has a seal to improve resistance to water or contaminants entering the housing (col. 2 line 50) and a tab containing a power supply (70). It would have been obvious to one having ordinary skill in the art at the time of invention by the applicant to modify the device of Claude (CH 665955) or Samiotes (EP 0494041) or Lindsey (PCT 9407186) by incorporating a water tight seal and a power source tab as taught by Das et al (‘035) in order to maintain water tight properties of the pump casing (col. 5 line 5) and allow removable and recharging of the power cells.

Response to Arguments

Applicant’s arguments, see remarks page 9 and 10, filed May 17 2005, with respect to the rejection(s) of claim(s) 5 under U.S.C. 102(b) have been fully considered and are persuasive.

Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Das et al U.S. Patent Number 6,42,035.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 6685450 B2	Bandis; Steven et al.
US 2627270 A	BRONISLAW GLASS GEORGE
US 20020029018 A1	JEFFREY, PETER
WO 9736623 A1	JEFFREY, PETER
US 6811548 B2	Jeffrey; Peter
US 20050192561 A1	Mernoe, Morten
US 5984894 A	Poulsen; Jens Ulrik et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aamer S. Ahmed whose telephone number is 571-272-5965. The examiner can normally be reached on Monday thru Friday 9-5.

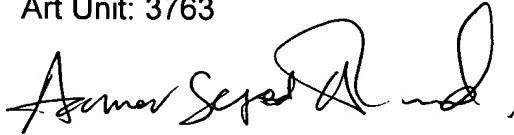
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nicholas Lucchesi can be reached on 571-272-4977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 09/813,660

Page 5

Art Unit: 3763

A handwritten signature in black ink, appearing to read 'A.A.' with a stylized flourish.

A.A.

A handwritten signature in black ink, appearing to read 'Nicholas D. Lucchesi' with a stylized flourish.

NICHOLAS D. LUCCHESI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700